KRAMER ELECTRONICS, Ltd.
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WP-571

Active Wall Plate − HDMI over Twisted Pair Transmitter

The WP−571 is a DGKat™ wall plate transmitter for HDMI signals. The WP−571 converts an HDMI signal to a DGKat™ twisted pair signal that it transmits to a WP−572.

FEATURES

- Max. Data Rate - 4.95Gbps (1.65Gbps per graphic channel).
- HDTV Compatible.
- HDCP Compliant.
- DGKat™ Signal Integration - Kramer's unique technology for converting TMDS as well as control and communication to signals that run over twisted pair cables. We strongly recommend using Kramer DGKat™ cables designed specifically for optimum performance.
- HDMI Support - HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS−HD.
- 3D Pass-Through.
- System Range - Up to 90m (295ft) at 1080i, or up to 30m (98ft) at 1080p on shielded BC−DGKat524 cable. Up to 90m (295ft) at 1080i, or up to 70m (230ft) at 1080p on shielded BC−DGKat623 cable. Up to 100m (330ft) at 1080i or up to 90m (295ft) at 1080p on shielded BC−DGKat7a23 cable.
- Cable - Requires shielded twisted pair (STP) cable. For optimum range and performance use Kramer's BC−DGKat524, BC−DGKat623 and BC−DGKat7a23 cables. Note that the transmission range depends on the signal resolution, graphics card and display used. The distance using non−Kramer CAT 5, CAT 6, and CAT 7 cables may not reach these ranges. Use only shielded cable where both ends of the shield are soldered to ground.
- EDID PassThru - Passes EDID signals between the source and display.
- Active Power Indication - The ON LED lights red when receiving power only, orange when either input or output and power are attached, and green when both an active input and output are attached.
- Power Connect™ System - A single connection to the transmitter powers the receiver.
- Dimensions - 3.3cm x 3.6cm x 10.4cm (1.3" x 1.42" x 4.1") W, D, H.
- Wall Plate Size - 1 gang US. Available in black and white.

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TECHNICAL SPECIFICATIONS

INPUTS:	1 HDMI connector.
OUTPUTS:	1 DGKat™ twisted pair on a RJ−45 connector.
BANDWIDTH:	Up to 4.95Gbps data rate (1.65Gbps per graphics channel).
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP.
POWER CONSUMPTION:	US: 12V DC, 190mA (single device); 360mA total (when one device supplies the power to both devices). UK, BG: 12V DC, 150mA (single device); 310mA total (when one device supplies the power to both devices).
DIMENSIONS:	US: 3.3cm x 3.6cm x 10.4cm (1.3" x 1.42" x 4.1") W, D, H; UK: 8.63cm x 4.5cm x 8.63cm (3.4" x 1.77" x 3.4") W, D, H; BG: 8.04cm x 4.5cm x 8.04cm (3.17" x 1.77" x 3.17") W, D, H.
WEIGHT:	0.08kg (0.18lbs).
ACCESSORIES:	Power supply.